

ABSTRACT**MODULE FOR HEATING THE INTAKE GASES OF AN INTERNAL
COMBUSTION ENGINE, INCORPORATING AN ELECTRONIC TEMPERATURE
CONTROL**

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Used for heating the gases circulating through an intake manifold (13), preferably of a plastic material, by means of heating element (1), incorporating a metal frame (2) in which is adhered the power control circuit (4), and in which is installed the heating element (1), both forming the same module to provide electronic control of the temperature of the intake gases in the intake manifold, preventing the maximum temperature of the plastic of the intake manifold from being exceeded. The power control circuit (4) incorporates essentially a control logic (8), which is connected a temperature sensor (3) and at least one power switch (6), which controls the heating element (1), the temperature sensor (3) being preferably integrated in the power control circuit (4).